

**AMENDMENTS TO THE CLAIMS:**

The listing of claims will replace all prior versions, and listings of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently amended) An embedded system connected to an IOT of an electroreprographic device through at least one existing device interface and comprising data collection and display functionality, and a local UI for operation and management of functionality locally, and a services platform and APIs for remote connectivity and device-centric services, and,

wherein the embedded system comprises a device model agent representative of service management of the device in communication with a remote services host and a remote asset management system through the APIs for communicating through the local UI services to be selectively added to or performed on the device, which services are determined by the remote services host and the remote asset management system by the communication with the device model agent in response to active, dynamic monitoring of device events, device status and consumable component supplies by the device model agent.

2. (Original) The system of claim 1 comprising a networked, embedded personal computer in a housing with no direct input or output devices.

3. (Previously presented) The system of claim 1 wherein the system is connected to the IOT through at least two physical interfaces.

4. (Original) The system of claim 1 further comprising a UI available via a browser running on a computer on a network to which the system is connected.

5. (Original) The system of claim 1 further comprising a web server.

6. (Currently amended) In an embedded system comprising a web server connected to an IOT of an electroreprographic device and to a network, a method of interacting with the embedded system comprising:

configuring the embedded system with network information;

using a browser as the local UI for the embedded system; and,

wherein the embedded system comprises a device model agent representative of service management of the device in communication with a remote services host and a remote asset management system through the APIs for communicating through the local UI services to be electively added to or performed on the device, which services are determined by the remote services host and the remote asset management system by the communication with the device model agent and further including communicating the services from the remote services host and the remote asset management system to the embedded system in response to active, dynamic monitoring of device events, device status and consumable component supplies by the device model agent.

7. (Previously presented) The method of claim 6 wherein configuring the embedded system includes loading network proxy, firewall password, and DNS IP addresses.

8. (Original) The method of claim 6 wherein configuring the embedded system enables the embedded system to connect to an edge server.

9. (Previously presented) The method of claim 8 wherein the edge server manages the queues, messages, services, and transactions associated with the end-to-end operation of the device services.

Claims 10-31 (cancelled)

33. (Currently amended) The system of claim 1 wherein the services comprise [[of]] one of operating software upgrades, device stack supply or maintenance adjustments.